ABSTRACT OF THE DISCLOSURE

An optical viewing device in which image data are reflected in, for example a surgical (stereo)microscope, such that the brightness or color (temperature) of the overlaid information can be adapted to the needs of the viewer by means of a controllable reflected-in image illumination system (18). The additional light source can be used, simultaneously with and/or alternatively to the main light source (11), as illumination for a transmitted-light display (21).

Alternatively, the light (2, 6) reflected from the specimen (13) can also be used as a light source for the display (21). This makes possible automatic regulation of the brightness of the reflected-in image for each portion of the overlaid image. Instead of a transmitted-light display (21), an incident-light display, for example a D-ILA, can also be used for the reflected-in image.

(FIG. 1)